

ABB-Welcome

A new home experience

The right solution for every requirement. With the wide range of well-designed products, optimum door communication can be made a reality for all types of buildings. Without great effort due to the 2-wire bus technique. And always with high-quality materials that are carefully matched. This makes ABB-Welcome ideal for use in new buildings as well as the later integration during modernisation of all types of real estate.





iOS



Controllable
via app.

01



ABB-Welcome

- 01 ABB-WelcomeTouch
- 02 ABB-Welcome video outdoor station
- 03 ABB-Welcome indoor audio station with handset
- 04 ABB-Welcome indoor audio station
- 05 ABB-Welcome indoor audio station with display



Contents ABB-Welcome

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02



03



04



05



ABB-Welcome



01



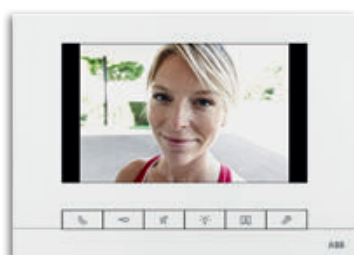
02



03



04



05



06



07

A holistic concept.

Already today Busch-Jaeger fulfils the desire for harmoniously matching indoor concepts and holistic installation solutions. As standard. This allows all indoor stations of door communication to be integrated into every style of living.

That is why the ABB-WelcomeTouch and the ABB-Welcome indoor station with handset is available in studio white matt, aluminium silver and anthracite matt. And the ABB-Welcome indoor audio station with display is available in studio white, aluminium silver, anthracite, alpine white and white.



08



09



10

More possibilities.
In every way.



ABB-Welcome

- 01 **ABB-Welcome** video outdoor station, stainless steel (brushed)
- 02 **ABB-Welcome** video outdoor station, studio white matt (metal-coated), similar to RAL 9016
- 03 **ABB-Welcome** audio outdoor station, stainless steel (brushed)
- 04 **ABB-Welcome** audio outdoor station, studio white matt (metal-coated), similar to RAL 9016
- 05 **ABB-WelcomeTouch**, studio white matt, similar to RAL 9016
- 06 **ABB-WelcomeTouch**, aluminium silver, similar to RAL 9006
- 07 **ABB-WelcomeTouch**, anthracite matt, similar to RAL 7021
- 08 **ABB-Welcome** indoor audio station with display, switch range future® linear, studio white, similar to RAL 9016
- 09 **ABB-Welcome** indoor audio station with display, switch range future® linear, aluminium silver, similar to RAL 9006
- 10 **ABB-Welcome** indoor audio station with display, switch range future® linear, anthracite, similar to RAL 7021
- 11 **ABB-Welcome** indoor audio station with handset, studio white matt, similar to RAL 9016
- 12 **ABB-Welcome** indoor audio station with handset, aluminium silver, similar to RAL 9006
- 13 **ABB-Welcome** indoor audio station with handset, anthracite matt, similar to RAL 7021
- 14 **ABB-Welcome** indoor audio station, studio white matt, similar to RAL 9016
- 15 **ABB-Welcome** indoor audio station, aluminium silver, similar to RAL 9006
- 16 **ABB-Welcome** indoor audio station, anthracite matt, similar to RAL 7021

Possibilities with installation modules for letterbox systems:

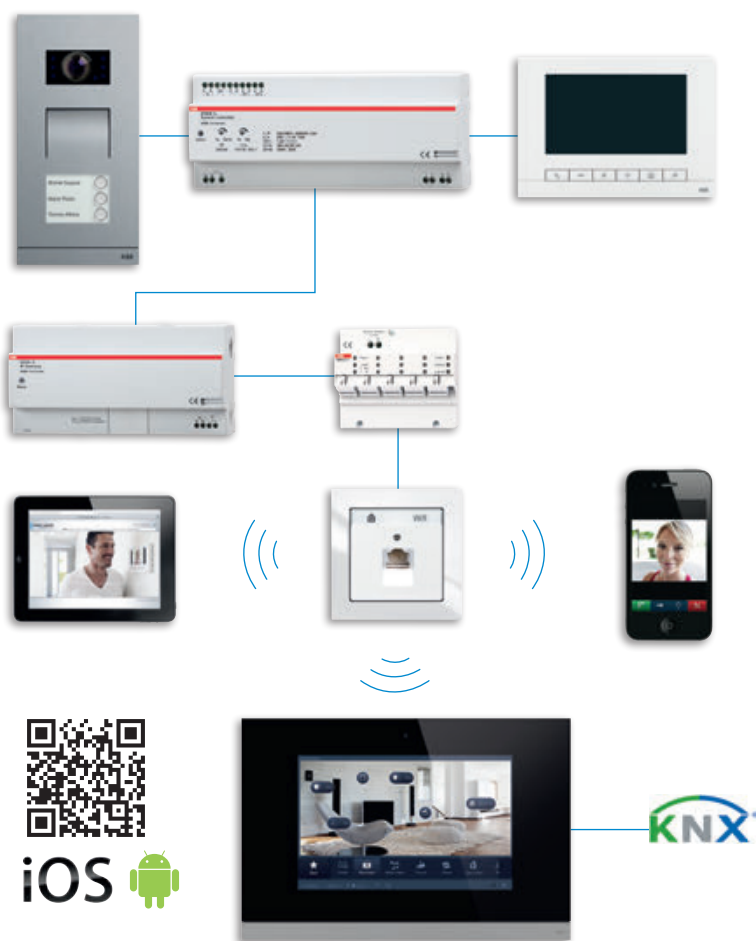
- » **Max. 4 video door stations**
with max. 99 doorbell buttons
- » **Max. 99 private apartments**
- » A **maximum of 4 indoor stations** are possible in each apartment, independent of audio or video

Two stub lines as well as the incoming and forwarding stub line can be connected per video distributor.

- 01 Keypad extension, Article-No. 83111
- 02 Camera module, Article-No. 83501-101
- 03 Audio module assembly with microphone and loudspeaker, Article-No. 83110
- 04 Switch actuator, flush-mounted, Article-No. 83335 U



ABB-Welcome



Mobile door communication.

As supplement to the permanently installed indoor stations, up to four additional participants can be connected to the ABB-Welcome system via the IP gateway. These devices can be smartphones, tablet PCs or a Busch-ComfortTouch®. The devices can be mixed.

There is only one system controller irrespective of whether audio or video systems are set up. Starting from a specific number of participants, additional power supplies are necessary. Detailed information on the system setup is available in the ABB-Welcome system manual (0001-0-1292). The system controller already has connections for the door opener and for one outdoor light. Both are switched via the indoor station.

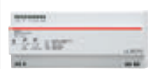









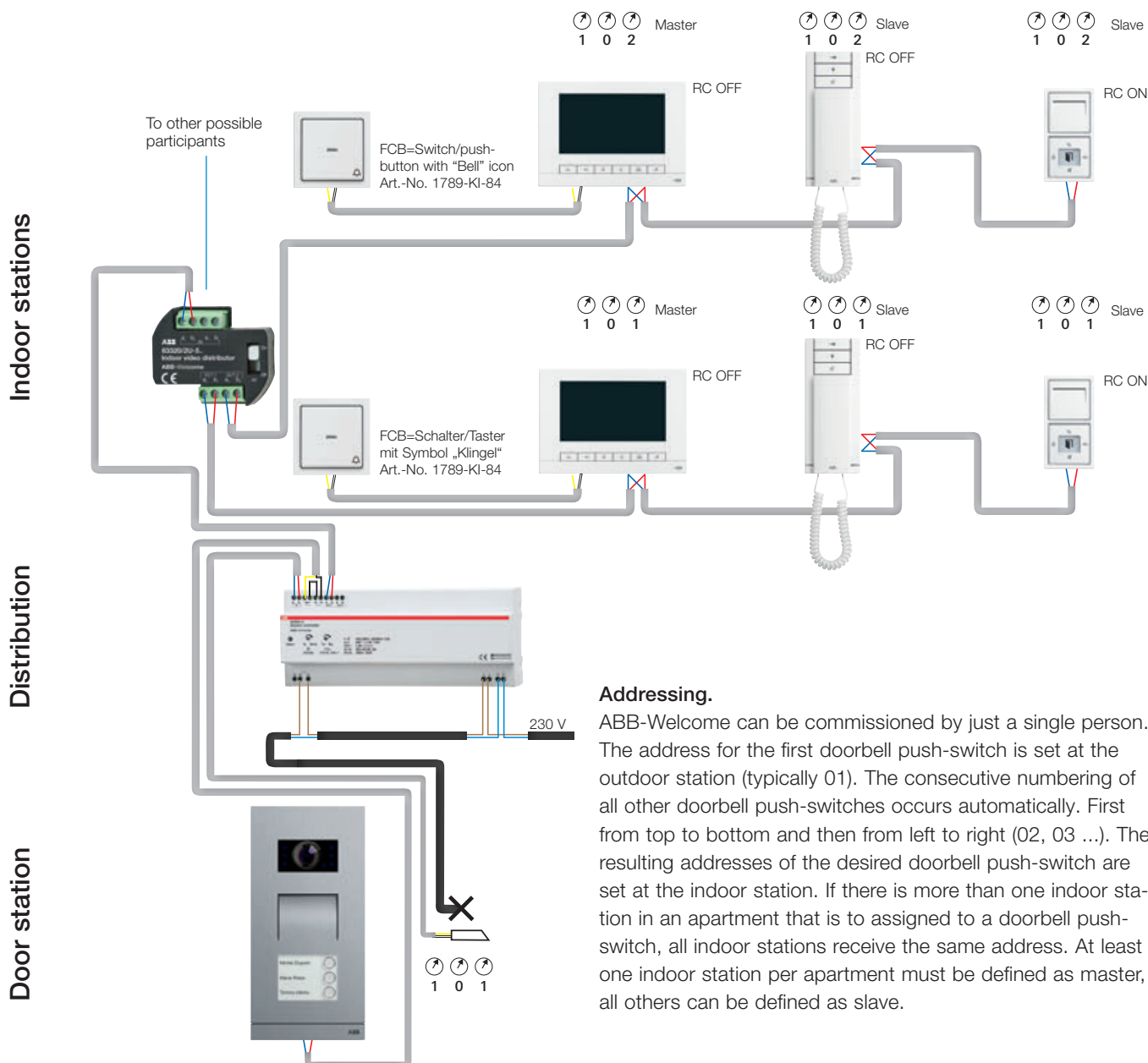
| System controller | Auxiliary power supply | Switch actuator, door/light | Bell transformer, 12 V AC 1.3 A | IP gateway |
|---|---|--|---|---|
|  83300-500 |  83310-500 |  83330-500 |  83315-500 |  83341-500 |
| Supply device and controller of the ABB-Welcome system. | Additional supply device of the ABB-Welcome | For connecting an electronic door opener, switching the light, or connecting a light relay (floating output 230 V, 3 A). | Power supply for an electric door opener. | Makes communication possible between the ABB-Welcome door communication and the local IP network. |
| Video indoor distributor MDRC | Video indoor distributor FM | Video outdoor distributor | Switch actuator, flush-mounted | Telephone gateway |
|  83320/2-500 |  83320/2 U-500 |  83325/2-500 |  83335 U-500 |  83350-500 |
| For the distribution of the video signal with line junctions (e.g. in a riser mains). | For the distribution of the video signal with line junctions (e.g. in a riser mains). | For connecting several outdoor video stations to the system controller. | Switch actuator for connection to the door communication bus. | Telephone gateway for connecting an ABB-Welcome system with the analog inputs of a private branch exchange (PBX). |

ABB-Welcome topology simplified

Although the displayed example of a system is fully functional, it does not show all options nor the complete range of functions of the ABB-Welcome. Other system devices are required

depending on the scope of the system. Detailed information is available in the ABB-Welcome system description (0001-0-1292)



Addressing.

ABB-Welcome can be commissioned by just a single person. The address for the first doorbell push-switch is set at the outdoor station (typically 01). The consecutive numbering of all other doorbell push-switches occurs automatically. First from top to bottom and then from left to right (02, 03 ...). The resulting addresses of the desired doorbell push-switch are set at the indoor station. If there is more than one indoor station in an apartment that is to be assigned to a doorbell push-switch, all indoor stations receive the same address. At least one indoor station per apartment must be defined as master, all others can be defined as slave.



Additional information is available in our range and products brochure.

Brochure:
ABB-Welcome
0001-0-1269

The telephone as door opener



- » The telephone becomes the indoor station
- » For analogue fixed network, DECT, ISDN and mobile telephones
- » Comfortable configuration



ABB-Welcome telephone gateway

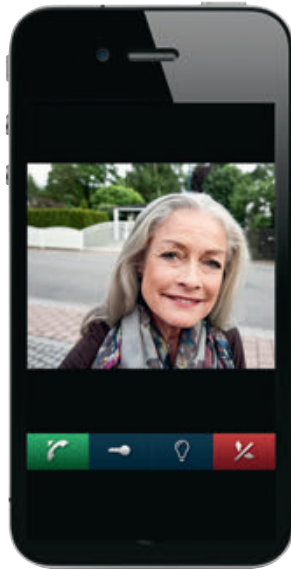
The ABB-Welcome telephone gateway takes over the function of an indoor station. This allows the door to be opened via the telephone.

Communicative. The new ABB-Welcome telephone gateway combines an ABB-Welcome system with every standard telephone system.

The telephone plays an increasingly important role in more and more areas of daily life. Its benefits can also be used to advantage in modern door communication. This is now made evident with the ABB-Welcome telephone gateway 83350-500. It can supplement the function of an ABB-Welcome indoor station and accept door calls, and with a telephone exchange redirect these to analogue fixed network, DECT, ISDN or mobile telephones. This enables the user to communicate with the visitor at the outdoor station, open the door or switch on the hallway lights. The telephone can also be

used to call the outdoor station via the telephone gateway. ABB-Welcome indoor audio or video stations can naturally be used in parallel with the telephone gateway. Also several telephone gateways within an ABB-Welcome system are possible. For example, when the telephone systems of several parties in the building are to be linked. Programming is possible without computer. Settings can be made via DTMF button tones. With a telephone IP gateway 83342-500 commissioning and configuration can also be carried out portable via computer or tablet.

The telephone as door opener



- » Access with the app to one's own ABB-Welcome system via the Internet
- » Push messages via ABB/Busch-Jaeger portal to the smartphone
- » Occurrence memory can be called up on the Internet











ABB-Welcome IP gateway (on request)

The ABB-Welcome IP gateway makes possible the integration of the app and with it the use of the smartphone as indoor video station.

The IP gateway 83342, the ABB/Busch-Jaeger portal and the ABB-Welcome app guarantee safe remote control via the Internet. This makes it possible to identify and welcome the visitor not only from the sofa or the terrace, but also from the office or hotel room. At "call during absence" the Push messages are sent to mobile terminal devices such as tablets or smartphones. No special settings need to be made on the Internet router for this solution. The devices are linked in the ABB/Busch-Jaeger portal.


















ABB-Welcome AUDIO

| | | Flush- and surface-mounted installation box* | | | | Audio outdoor station | | | |
|---|------------------------------|---|---|---|---|---|---|---|---|
| | |  |  |  |  |  |  |  |  |
| Article-No. | Number of private apartments | Flush- and surface-mounted installation box, size 1/2 | Flush- and surface-mounted installation box, size 1/3 | Flush- and surface-mounted installation box, size 1/4 | Flush- and surface-mounted installation box, size 2/3 | Outdoor audio station 1gang | Outdoor audio station 2gang | Outdoor audio station 3gang | Outdoor audio station 4gang |
| Color of the outdoor station WHITE | 1 | 1 | | | | 1 | | | |
| | 1 | 1 | | | | 1 | | | |
| | 1 | 1 | | | | 1 | | | |
| | 2 | 1 | | | | | 1 | | |
| | 2 | 1 | | | | | 1 | | |
| | 2 | 1 | | | | | 1 | | |
| | 3 | 1 | | | | | | 1 | |
| | 3 | 1 | | | | | | 1 | |
| | 3 | 1 | | | | | | 1 | |
| | 4 | | 1 | | | | | | 1 |
| | 4 | | 1 | | | | | | 1 |
| | 4 | | 1 | | | | | | 1 |
| | 6 | | 1 | | | | | | |
| | 6 | | 1 | | | | | | |
| | 6 | | 1 | | | | | | |
| Color of the outdoor station STAINLESS STEEL | 10 | | | | 1 | | | | |
| | 10 | | | | 1 | | | | |
| | 10 | | | | 1 | | | | |
| | 15 | | | | 1 | | | | |
| | 15 | | | | 1 | | | | |
| | 15 | | | | 1 | | | | |
| | 1 | 1 | | | | 1 | | | |
| | 1 | 1 | | | | 1 | | | |
| | 1 | 1 | | | | 1 | | | |
| | 2 | 1 | | | | | 1 | | |
| | 2 | 1 | | | | | 1 | | |
| | 2 | 1 | | | | | 1 | | |
| | 3 | 1 | | | | | | 1 | |
| | 3 | 1 | | | | | | 1 | |
| | 3 | 1 | | | | | | 1 | |
| | 4 | | 1 | | | | | | 1 |
| | 4 | | 1 | | | | | | 1 |
| | 4 | | 1 | | | | | | 1 |
| | 6 | | 1 | | | | | | |
| | 6 | | 1 | | | | | | |
| | 6 | | 1 | | | | | | |
| | 10 | | | | 1 | | | | |
| | 10 | | | | 1 | | | | |
| | 10 | | | | 1 | | | | |
| | 15 | | | | 1 | | | | |
| | 15 | | | | 1 | | | | |
| | 15 | | | | 1 | | | | |

*Example of surface-mounted installation boxes, anthracite (flush-mounted and colour versions, same price).

ABB-Welcome VIDEO

| | | Flush- and surface-mounted installation box* | | | | Outdoor video station | | | |
|---|------------------------------|---|---|---|---|---|---|---|---|
| | |  |  |  |  |  |  |  |  |
| Article-No. | Number of private apartments | Flush- and surface-mounted installation box, size 1/2 | Flush- and surface-mounted installation box, size 1/3 | Flush- and surface-mounted installation box, size 1/4 | Flush- and surface-mounted installation box, size 2/3 | Outdoor video station, 1gang | Outdoor video station, 2gang | Outdoor video station, 3gang | Outdoor video station, 4gang |
| Color of the outdoor station WHITE | 1 | | 1 | | | 1 | | | |
| | 2 | | 1 | | | | 1 | | |
| | 3 | | 1 | | | | | 1 | |
| | 4 | | | 1 | | | | | 1 |
| | 6 | | | 1 | | | | | |
| | 8 | | | | 1 | | | | |
| Color of the outdoor station STAINLESS STEEL | 12 | | | | 1 | | | | |
| | 1 | 1 | | | | 1 | | | |
| | 2 | | 1 | | | | 1 | | |
| | 3 | | 1 | | | | | 1 | |
| | 4 | | | 1 | | | | | 1 |
| | 6 | | | 1 | | | | | |
| | 8 | | | | 1 | | | | |
| | 12 | | | | 1 | | | | |

| | | | Indoor stations | | | System devices |
|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |
| Outdoor audio station 6gang | Outdoor audio station 10gang | Outdoor audio station 15gang | Indoor audio station with handset | Indoor audio station | Indoor audio station with display | System controller, MDRC |
| 83102/6-664-500 | 83105/10-664-500 | 83105/15-664-500 | 83205 AP-624-500 | 83210 AP-624-500 | 83200 U | 83300-500 |
| | | | 1 | | | 1 |
| | | | | 1 | | 1 |
| | | | 2 | | 1 | 1 |
| | | | | 2 | | 1 |
| | | | 3 | | 2 | 1 |
| | | | | 3 | | 1 |
| | | | 4 | | 3 | 1 |
| | | | | 4 | | 1 |
| | | | 6 | | 4 | 1 |
| 1 | | | | 6 | | 1 |
| 1 | | | | | 6 | 1 |
| 1 | | | 10 | | | 1 |
| | 1 | | | 10 | | 1 |
| | 1 | | | | 10 | 1 |
| | | 1 | 15 | | | 1 |
| | | 1 | | 15 | | 1 |
| | | 1 | | | 15 | 1 |
| | | | | | | |
| 83102/6-660-500 | 83105/10-660-500 | 83105/15-660-500 | 83205 AP-624-500 | 83210 AP-624-500 | 83200 U | 83300-500 |
| | | | 1 | | | 1 |
| | | | | 1 | | 1 |
| | | | | | 1 | 1 |
| | | | 2 | | | 1 |
| | | | | 2 | | 1 |
| | | | | | 2 | 1 |
| | | | 3 | | | 1 |
| | | | | 3 | | 1 |
| | | | | | 3 | 1 |
| | | | 4 | | | 1 |
| | | | | 4 | | 1 |
| | | | | | 4 | 1 |
| | | | 6 | | | 1 |
| 1 | | | | 6 | | 1 |
| 1 | | | | | 6 | 1 |
| 1 | | | 10 | | | 1 |
| | 1 | | | 10 | | 1 |
| | 1 | | | | 10 | 1 |
| | | 1 | 15 | | | 1 |
| | | 1 | | 15 | | 1 |
| | | 1 | | | 15 | 1 |

| | | | Indoor station | System devices | |
|---|---|---|---|---|--|
|  |  |  |  |  |  |
| Outdoor video station, 6gang | Outdoor video station, 8gang | Outdoor video station, 12gang | ABB-WelcomeTouch | System controller, MDRC | Auxiliary power supply, MDRC |
| 83122/6-664-500 | 83124/8-664-500 | 83124/12-664-500 | 83220 AP-624-500 | 83300-500 | 83310-500 |
| | | | 1 | 1 | |
| | | | 2 | 1 | |
| | | | 3 | 1 | |
| | | | 4 | 1 | |
| 1 | | | 6 | 1 | 1 |
| | 1 | | 8 | 1 | 2 |
| | | 1 | 12 | 1 | 2 |
| | | | | | |
| 83122/6-660-500 | 83124/8-660-500 | 83124/12-660-500 | 83220 AP-624-500 | 83300-500 | 83310-500 |
| | | | 1 | 1 | |
| | | | 2 | 1 | |
| | | | 3 | 1 | |
| | | | 4 | 1 | |
| 1 | | | 6 | 1 | 1 |
| | 1 | | 8 | 1 | 2 |
| | | 1 | 12 | 1 | 2 |



| Product | Article-No. | Order-No. | Pack/Qty | PG | Product | Article-No. | Order-No. | Pack/Qty | PG |
|---|---|-------------|----------|----|---|--|-------------|----------|----|
|  | Outdoor video station, 1gang ¹⁾ Front plate made of 3 mm stainless steel, surface is brushed Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Communication unit and key module are backlit. Stamped labelling foil is enclosed. Mounting tool is enclosed. For flush-mounted installation with 83402 U-681-500. For surface-mounted installation with 83402 AP-681-500. Vertical/horizontal detection angle: 86°/67° Setting angle horizontal/vertical: +/-15°, mechanically adjustable Consumer units: 8 Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 277 mm x 135 mm x 43 mm | | | |  | Outdoor video station, 4gang ¹⁾ Front plate made of 3 mm stainless steel, surface is brushed Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Hands-free device and key modules are backlit. Stamped labelling foil is enclosed. Mounting tool is enclosed. For flush-mounted installation with 83403 U-681-500. For surface-mounted installation with 83403 AP-681-500. Vertical/horizontal detection angle: 86°/67° Setting angle horizontal/vertical: +/-15°, mechanically adjustable Consumer units: 10 Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 349 mm x 135 mm x 43 mm | | | |
| 660 stainless steel | 83121/1-660-500 | 8300-0-0101 | 1 | 23 | 660 stainless steel | 83122/4-660-500 | 8300-0-0288 | 1/5 | 23 |
| 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | | 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | |

| | | | | | | | | | |
|---|---|-------------|---|----|---|--|-------------|-----|----|
|  | Outdoor video station, 2gang ¹⁾ Front plate made of 3 mm stainless steel, surface is brushed Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Hands-free device and key modules are backlit. Stamped labelling foil is enclosed. Mounting tool is enclosed. For flush-mounted installation with 83402 U-681-500. For surface-mounted installation with 83402 AP-681-500. Vertical/horizontal detection angle: 86°/67° Setting angle horizontal/vertical: +/-15°, mechanically adjustable Consumer units: 8 Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 277 mm x 135 mm x 43 mm | | | |  | Outdoor video station, 6gang ¹⁾ Front plate made of 3 mm stainless steel, surface is brushed Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Hands-free device and key modules are backlit. Stamped labelling foil is enclosed. Mounting tool is enclosed. For flush-mounted installation with 83403 U-681-500. For surface-mounted installation with 83403 AP-681-500. Vertical/horizontal detection angle: 86°/67° Setting angle horizontal/vertical: +/-15°, mechanically adjustable Consumer units: 10 Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 349 mm x 135 mm x 43 mm | | | |
| 660 stainless steel | 83121/2-660-500 | 8300-0-0102 | 1 | 23 | 660 stainless steel | 83122/6-660-500 | 8300-0-0289 | 1/5 | 23 |
| 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | | 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | |

| | | | | | | | | | |
|---|---|-------------|---|----|---|--|-------------|---|----|
|  | Outdoor video station, 3gang ¹⁾ Front plate made of 3 mm stainless steel, surface is brushed Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Hands-free device and key modules are backlit. Stamped labelling foil is enclosed. Mounting tool is enclosed. For flush-mounted installation with 83402 U-681-500. For surface-mounted installation with 83402 AP-681-500. Vertical/horizontal detection angle: 86°/67° Setting angle horizontal/vertical: +/-15°, mechanically adjustable Consumer units: 8 Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 277 mm x 135 mm x 43 mm | | | |  | Outdoor video station, 8gang ¹⁾ Front plate made of 3 mm stainless steel, surface is brushed Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Hands-free device and key modules are backlit. Stamped labelling foil is enclosed. Mounting tool is enclosed. For flush-mounted installation with 83404 U-681-500. For surface-mounted installation with 83404 AP-681-500. Vertical/horizontal detection angle: 86°/67° Setting angle horizontal/vertical: +/-15°, mechanically adjustable Consumer units: 13 Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 277 mm x 235 mm x 43 mm | | | |
| 660 stainless steel | 83121/3-660-500 | 8300-0-0103 | 1 | 23 | 660 stainless steel | 83124/8-660-500 | 8300-0-0290 | 1 | 23 |
| 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | | 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | |

| Product | Article-No. | Order-No. | Pack/Qty | PG |
|---------|-------------|-----------|----------|----|
|---------|-------------|-----------|----------|----|



Outdoor video station, 12gang '1)
Front plate made of 3 mm stainless steel, surface is brushed
Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots.
Hands-free device and key modules are backlit.
Stamped labelling foil is enclosed.
Mounting tool is enclosed.
For flush-mounted installation with 83404 U-681-500.
For surface-mounted installation with 83404 AP-681-500.
Vertical/horizontal detection angle: 86°/67°
Setting angle horizontal/vertical: +/-15°, mechanically adjustable
Consumer units: 13
Protection class (Device): IP 44
Temperature range (Device): -25 °C to 55 °C
Dimensions: (L x W x D): 277 mm x 235 mm x 43 mm

660 stainless steel **83124/12-660-500** 8300-0-0291 1 23

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.



Outdoor audio station, 1gang '1)
Front plate made of 3 mm stainless steel, surface is brushed
Communication unit and key module are backlit.
Stamped labelling foil is enclosed.
Mounting tool is enclosed.
For flush-mounted installation with 83401 U-681-500.
For surface-mounted installation with 83401 AP-681-500.
Consumer units: 5
Protection class (Device): IP 44
Temperature range (Device): -25 °C to 55 °C
Dimensions: (L x W x D): 205 mm x 135 mm x 29 mm

660 stainless steel **83101/1-660-500** 8300-0-0096 1 23

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.



Outdoor audio station, 2gang '1)
Front plate made of 3 mm stainless steel, surface is brushed
Hands-free device and key modules are backlit.
Stamped labelling foil is enclosed.
Mounting tool is enclosed.
For flush-mounted installation with 83401 U-681-500.
For surface-mounted installation with 83401 AP-681-500.
Consumer units: 5
Protection class (Device): IP 44
Temperature range (Device): -25 °C to 55 °C
Dimensions: (L x W x D): 205 mm x 135 mm x 29 mm

660 stainless steel **83101/2-660-500** 8300-0-0097 1 23

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.



Outdoor audio station, 3gang '1)
Front plate made of 3 mm stainless steel, surface is brushed
Hands-free device and key modules are backlit.
Stamped labelling foil is enclosed.
Mounting tool is enclosed.
For flush-mounted installation with 83401 U-681-500.
For surface-mounted installation with 83401 AP-681-500.
Consumer units: 5
Protection class (Device): IP 44
Temperature range (Device): -25 °C to 55 °C
Dimensions: (L x W x D): 205 mm x 135 mm x 29 mm

660 stainless steel **83101/3-660-500** 8300-0-0098 1 23

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| Product | Article-No. | Order-No. | Pack/Qty | PG |
|---------|-------------|-----------|----------|----|
|---------|-------------|-----------|----------|----|



Outdoor audio station, 4gang '1)
Front plate made of 3 mm stainless steel, surface is brushed
Hands-free device and key modules are backlit.
Stamped labelling foil is enclosed.
Mounting tool is enclosed.
For flush-mounted installation with 83402 U-681-500.
For surface-mounted installation with 83402 AP-681-500.
Consumer units: 6
Protection class (Device): IP 44
Temperature range (Device): -25 °C to 55 °C
Dimensions: (L x W x D): 277 mm x 135 mm x 29 mm

660 stainless steel **83102/4-660-500** 8300-0-0284 1 23

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.



Outdoor audio station, 6gang '1)
Front plate made of 3 mm stainless steel, surface is brushed
Hands-free device and key modules are backlit.
Stamped labelling foil is enclosed.
Mounting tool is enclosed.
For flush-mounted installation with 83402 U-681-500.
For surface-mounted installation with 83402 AP-681-500.
Consumer units: 6
Protection class (Device): IP 44
Temperature range (Device): -25 °C to 55 °C
Dimensions: (L x W x D): 277 mm x 135 mm x 29 mm

660 stainless steel **83102/6-660-500** 8300-0-0285 1 23

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.



Outdoor audio station, 10gang '1)
Front plate made of 3 mm stainless steel, surface is brushed
Hands-free device and key modules are backlit.
Stamped labelling foil is enclosed.
Mounting tool is enclosed.
For flush-mounted installation with 83404 U-681-500.
For surface-mounted installation with 83404 AP-681-500.
Consumer units: 11
Protection class (Device): IP 44
Temperature range (Device): -25 °C to 55 °C
Dimensions: (L x W x D): 277 mm x 235 mm x 29 mm

660 stainless steel **83105/10-660-500** 8300-0-0286 1 23







1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.



Outdoor audio station, 15gang '1)
Front plate made of 3 mm stainless steel, surface is brushed
Hands-free device and key modules are backlit.
Stamped labelling foil is enclosed.
Mounting tool is enclosed.
For flush-mounted installation with 83404 U-681-500.
For surface-mounted installation with 83404 AP-681-500.
Consumer units: 11
Protection class (Device): IP 44
Temperature range (Device): -25 °C to 55 °C
Dimensions: (L x W x D): 277 mm x 235 mm x 29 mm

660 stainless steel **83105/15-660-500** 8300-0-0287 1 23

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| Product | Article-No. | Order-No. | Pack/Qty | Product | Article-No. | Order-No. | Pack/Qty | | |
|---|--|-------------|----------|---|---|------------------------|-------------|-----|----|
|  | Outdoor video station, 1gang ¹⁾ Front plate made of 3 mm steel, surface is coated white Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Communication unit and key module are backlit. Stamped labelling foil is enclosed. Mounting tool is enclosed. For flush-mounted installation with 83402 U-689-500. For surface-mounted installation with 83402 AP-689-500. Vertical/horizontal detection angle: 86°/67° Setting angle horizontal/vertical: +/-15°, mechanically adjustable Consumer units: 8 Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 277 mm x 135 mm x 43 mm | | |  | Outdoor video station, 4gang ¹⁾ Front plate made of 3 mm steel, surface is coated white Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Hands-free device and key modules are backlit. Stamped labelling foil is enclosed. Mounting tool is enclosed. For flush-mounted installation with 83403 U-689-500. For surface-mounted installation with 83403 AP-689-500. Vertical/horizontal detection angle: 86°/67° Setting angle horizontal/vertical: +/-15°, mechanically adjustable Consumer units: 10 Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 349 mm x 135 mm x 43 mm | | | | |
| 664 studio white matt | 83121/1-664-500 | 8300-0-0091 | 1 | 23 | 664 studio white matt | 83122/4-664-500 | 8300-0-0280 | 1/5 | 23 |
| 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | | |
|  | Outdoor video station, 2gang ¹⁾ Front plate made of 3 mm steel, surface is coated white Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Hands-free device and key modules are backlit. Stamped labelling foil is enclosed. Mounting tool is enclosed. For flush-mounted installation with 83402 U-689-500. For surface-mounted installation with 83402 AP-689-500. Vertical/horizontal detection angle: 86°/67° Setting angle horizontal/vertical: +/-15°, mechanically adjustable Consumer units: 8 Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 277 mm x 135 mm x 43 mm | | |  | Outdoor video station, 6gang ¹⁾ Front plate made of 3 mm steel, surface is coated white Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Hands-free device and key modules are backlit. Stamped labelling foil is enclosed. Mounting tool is enclosed. For flush-mounted installation with 83403 U-689-500. For surface-mounted installation with 83403 AP-689-500. Vertical/horizontal detection angle: 86°/67° Setting angle horizontal/vertical: +/-15°, mechanically adjustable Consumer units: 10 Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 349 mm x 135 mm x 43 mm | | | | |
| 664 studio white matt | 83121/2-664-500 | 8300-0-0092 | 1 | 23 | 664 studio white matt | 83122/6-664-500 | 8300-0-0281 | 1/5 | 23 |
| 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | | |
|  | Outdoor video station, 3gang ¹⁾ Front plate made of 3 mm steel, surface is coated white Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Hands-free device and key modules are backlit. Stamped labelling foil is enclosed. Mounting tool is enclosed. For flush-mounted installation with 83402 U-689-500. For surface-mounted installation with 83402 AP-689-500. Vertical/horizontal detection angle: 86°/67° Setting angle horizontal/vertical: +/-15°, mechanically adjustable Consumer units: 8 Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 277 mm x 135 mm x 43 mm | | |  | Outdoor video station, 8gang ¹⁾ Front plate made of 3 mm steel, surface is coated white Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Hands-free device and key modules are backlit. Stamped labelling foil is enclosed. Mounting tool is enclosed. For flush-mounted installation with 83404 U-689-500. For surface-mounted installation with 83404 AP-689-500. Vertical/horizontal detection angle: 86°/67° Setting angle horizontal/vertical: +/-15°, mechanically adjustable Consumer units: 13 Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 277 mm x 235 mm x 43 mm | | | | |
| 664 studio white matt | 83121/3-664-500 | 8300-0-0093 | 1 | 23 | 664 studio white matt | 83124/8-664-500 | 8300-0-0282 | 1 | 23 |
| 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | | |

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



Outdoor video station, 12gang '1)
Front plate made of 3 mm steel, surface is coated white
 Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots.
 Hands-free device and key modules are backlit.
 Stamped labelling foil is enclosed.
 Mounting tool is enclosed.
 For flush-mounted installation with 83404 U-689-500.
 For surface-mounted installation with 83404 AP-689-500.
 Vertical/horizontal detection angle: 86°/67°
 Setting angle horizontal/vertical: +/-15°, mechanically adjustable
 Consumer units: 13
 Protection class (Device): IP 44
 Temperature range (Device): -25 °C to 55 °C
 Dimensions: (L x W x D): 277 mm x 235 mm x 43 mm

664 studio white matt **83124/12-664-500** 8300-0-0283 1 23

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.



Outdoor audio station, 1gang '1)
Front plate made of 3 mm steel, surface is coated white
 Communication unit and key module are backlit.
 Stamped labelling foil is enclosed.
 Mounting tool is enclosed.
 For flush-mounted installation with 83401 U-689-500.
 For surface-mounted installation with 83401 AP-689-500.
 Consumer units: 5
 Protection class (Device): IP 44
 Temperature range (Device): -25 °C to 55 °C
 Dimensions: (L x W x D): 205 mm x 135 mm x 29 mm

664 studio white matt **83101/1-664-500** 8300-0-0086 1 22

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.



Outdoor audio station, 2gang '1)
Front plate made of 3 mm steel, surface is coated white
 Hands-free device and key modules are backlit.
 Stamped labelling foil is enclosed.
 Mounting tool is enclosed.
 For flush-mounted installation with 83401 U-689-500.
 For surface-mounted installation with 83401 AP-689-500.
 Consumer units: 5
 Protection class (Device): IP 44
 Temperature range (Device): -25 °C to 55 °C
 Dimensions: (L x W x D): 205 mm x 135 mm x 29 mm

664 studio white matt **83101/2-664-500** 8300-0-0087 1 22

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.



Outdoor audio station, 3gang '1)
Front plate made of 3 mm steel, surface is coated white
 Hands-free device and key modules are backlit.
 Stamped labelling foil is enclosed.
 Mounting tool is enclosed.
 For flush-mounted installation with 83401 U-689-500.
 For surface-mounted installation with 83401 AP-689-500.
 Consumer units: 5
 Protection class (Device): IP 44
 Temperature range (Device): -25 °C to 55 °C
 Dimensions: (L x W x D): 205 mm x 135 mm x 29 mm

664 studio white matt **83101/3-664-500** 8300-0-0088 1 22

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



Outdoor audio station, 4gang '1)
Front plate made of 3 mm steel, surface is coated white
 Hands-free device and key modules are backlit.
 Stamped labelling foil is enclosed.
 Mounting tool is enclosed.
 For flush-mounted installation with 83402 U-689-500.
 For surface-mounted installation with 83402 AP-689-500.
 Consumer units: 6
 Protection class (Device): IP 44
 Temperature range (Device): -25 °C to 55 °C
 Dimensions: (L x W x D): 277 mm x 135 mm x 29 mm

664 studio white matt **83102/4-664-500** 8300-0-0276 1 22

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.



Outdoor audio station, 6gang '1)
Front plate made of 3 mm steel, surface is coated white
 Hands-free device and key modules are backlit.
 Stamped labelling foil is enclosed.
 Mounting tool is enclosed.
 For flush-mounted installation with 83402 U-689-500.
 For surface-mounted installation with 83402 AP-689-500.
 Consumer units: 6
 Protection class (Device): IP 44
 Temperature range (Device): -25 °C to 55 °C
 Dimensions: (L x W x D): 277 mm x 135 mm x 29 mm

664 studio white matt **83102/6-664-500** 8300-0-0277 1 22

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.



Outdoor audio station, 10gang '1)
Front plate made of 3 mm steel, surface is coated white
 Hands-free device and key modules are backlit.
 Stamped labelling foil is enclosed.
 Mounting tool is enclosed.
 For flush-mounted installation with 83404 U-689-500.
 For surface-mounted installation with 83404 AP-689-500.
 Consumer units: 11
 Protection class (Device): IP 44
 Temperature range (Device): -25 °C to 55 °C
 Dimensions: (L x W x D): 277 mm x 235 mm x 29 mm

664 studio white matt **83105/10-664-500** 8300-0-0278 1 22

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.



Outdoor audio station, 15gang '1)
Front plate made of 3 mm steel, surface is coated white
 Hands-free device and key modules are backlit.
 Stamped labelling foil is enclosed.
 Mounting tool is enclosed.
 For flush-mounted installation with 83404 U-689-500.
 For surface-mounted installation with 83404 AP-689-500.
 Consumer units: 11
 Protection class (Device): IP 44
 Temperature range (Device): -25 °C to 55 °C
 Dimensions: (L x W x D): 277 mm x 235 mm x 29 mm


664 studio white matt **83105/15-664-500** 8300-0-0279 1 22

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.






ABB-Welcome Outdoor Stations

| Product | Article-No. | Order-No. | Pack/Qty |
|---|---|-------------|----------|
|  | Audio Integration Unit ¹⁾ Allows the integration of the ABB-Welcome installation in letter boxes and bell systems of different manufacturers, such as in the products of Erwin Renz Metallwarenfabrik GmbH & Co KG, Boschstr. 3, 71737 Kirchberg/Murr. Makes audio communication possible. Built-in relay for operating the door opener. 8 inputs for connecting the doorbell push-switches. Adjustable volume. With interface for the connection of built-in keypad extensions. With interface for the connection of the camera module. Consumer units: 2 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 68 mm x 126 mm x 31 mm | | |
| | 83110-500 | 8300-0-0329 | 1 22 |


1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|---|--|-------------|------|
|  | Extension Unit ¹⁾ Allows the integration of the ABB-Welcome installation in letter boxes and bell systems of different manufacturers, such as in the products of Erwin Renz Metallwarenfabrik GmbH & Co KG, Boschstr. 3, 71737 Kirchberg/Murr. With interface for the connection of additional built-in keypad extensions. The built-in audio module can be extended to a maximum of 99 inputs for doorbell push-switches with the aid of the built-in keypad extension. Consumer units: 1 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 68 mm x 50 mm x 24 mm | | |
| | 83111-500 | 8300-0-0330 | 1 22 |

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.


| | | | |
|---|---|-------------|------|
|  | Camera module Allows the integration of the ABB-Welcome installation in letter boxes and bell systems of different manufacturers, such as in the products of Erwin Renz Metallwarenfabrik GmbH & Co KG, Boschstr. 3, 71737 Kirchberg/Murr. The cutout for the camera must be created by the manufacturer. Extended audio module assembly with video function. Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Installed heating to keep the lens free of condensation. Vertical/horizontal detection angle: 86°/67° Setting angle horizontal/vertical: +/-15°, mechanically adjustable Consumer units: 4 Temperature range (Device): -25 °C to 55 °C | | |
| | 83501-101-500 | 8300-0-0331 | 1 23 |

ABB-Welcome Indoor Stations

| Product | Article-No. | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|  | ABB-WelcomeTouch ¹⁾ Indoor video station with 17.8 cm (7") touch display Display of the video image of the outdoor station. During the conversation a picture of the visitor can be taken and stored in the picture memory. For door calls during absence three pictures of the visitor are automatically stored in the picture memory. With hands-free function, volume is adjustable. Easy operation keys for door openers, mute function and light. Different bell sounds are adjustable for door and floor ringing; five polyphone bell sounds are available. Volume of bell sounds is adjustable. For surface mounting. SD card slot for extension of the picture memory. Display size: 17,8 cm (7") Display resolution: 800 x 480 Consumer units: 11 Protection class (Device): IP 30 Temperature range (Device): -5 °C to 40 °C Dimensions: (L x W x D): 155 mm x 218 mm x 29 mm | | |


| | | | | |
|-----------------------|-------------------------|-------------|------|----|
| 624 studio white matt | 83220 AP-624-500 | 8300-0-0083 | 1 | 23 |
| 681 anthracite matt | 83220 AP-681-500 | 8300-0-0084 | 1 | 23 |
| 683 aluminium silver | 83220 AP-683-500 | 8300-0-0085 | 1/16 | 23 |

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|--|--|--|--|
|  | Indoor audio station with handset ¹⁾ Volume of the handset is adjustable. Easy operation keys for door openers, mute function and light. Different bell sounds are adjustable for door and floor ringing; five polyphone bell sounds are available. Volume of bell sounds is adjustable. For surface mounting. Consumer units: 1 Protection class (Device): IP 30 Temperature range (Device): -5 °C to 40 °C Dimensions: (L x W x D): 198 mm x 81 mm x 38 mm | | |
|--|--|--|--|

| | | | | |
|-----------------------|-------------------------|-------------|---|----|
| 624 studio white matt | 83205 AP-624-500 | 8300-0-0080 | 1 | 22 |
| 681 anthracite matt | 83205 AP-681-500 | 8300-0-0081 | 1 | 22 |
| 683 aluminium silver | 83205 AP-683-500 | 8300-0-0082 | 1 | 22 |

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.


| | | | |
|---|--|--|--|
|  | Indoor audio station ¹⁾ With hands-free function, volume is adjustable. Easy operation keys for door openers, mute function and light. Different bell sounds are adjustable for door and floor ringing; five polyphone bell sounds are available. Volume of bell sounds is adjustable. Consumer units: 1 Protection class (Device): IP 30 Temperature range (Device): -5 °C to 40 °C Dimensions: (L x W x D): 175 mm x 81 mm x 22 mm | | |
|---|--|--|--|


| | | | | |
|------------------------|-------------------------|-------------|---|----|
| 624 studio white, matt | 83210 AP-624-500 | 8300-0-0332 | 1 | 22 |
| 681 anthracite matt | 83210 AP-681-500 | 8300-0-0333 | 1 | 22 |
| 683 aluminium silver | 83210 AP-683-500 | 8300-0-0334 | 1 | 22 |

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.


| Product | Article-No. | Order-No. | Pack/Qty |
|--|--|-------------|----------|
|  | Indoor audio station with display ¹⁾ For integrating in Busch-Jaeger switch ranges Illuminated monochrome display for indicating the most important functions (e.g. bells, conversation, mute) and programming menu. With hands-free function, volume is adjustable. Easy operation keys for door openers, mute function and light. Different bell sounds are adjustable for door and floor ringing; five polyphone bell sounds are available. Volume of bell sounds is adjustable. For flush-mounted installation in two flush-mounted sockets. Display size: 3,8 cm (1,5") Consumer units: 2 Protection class (Device): IP 30 Temperature range (Device): -5 °C to 40 °C | | |
| | 83200 U-500 | 8300-0-0218 | 1 22 |

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|--|--|-------------|---------|
|  | Cover plates For indoor audio station with display. Protection class (Device): IP 30 Temperature range (Device): -5 °C to 40 °C Busch-Duro 2000® SI | | |
| 212 white | 83260-212-500 | 8300-0-0222 | 1/18 22 |
| | Reflex SI | | |
| 214 alpine white | 83260-214-500 | 8300-0-0223 | 1/18 22 |
| | future® linear | | |
| 81 anthracite | 83260-81-500 | 8300-0-0220 | 1/18 22 |
| 83 aluminium silver | 83260-83-500 | 8300-0-0221 | 1/18 22 |
| 84 studio white | 83260-84-500 | 8300-0-0219 | 1/18 22 |
| | solo® | | |
| 84 studio white | 83260-84-500 | 8300-0-0219 | 1/18 22 |
| | Busch-axcent® | | |
| 84 studio white | 83260-84-500 | 8300-0-0219 | 1/18 22 |
| | carat® | | |
| 84 studio white | 83260-84-500 | 8300-0-0219 | 1/18 22 |

| Product | Article-No. | Order-No. | Pack/Qty |
|---|--|-------------|----------|
|  | System controller, MDRC ¹⁾ Supply device and controller of the ABB-Welcome system. For connecting the indoor and outdoor busline. With output for electrical door opener for 12V~, 1,6A or potential-free output 30V, 3A. With output to control hall light directly or via relays (230V, 3A). Switching time duration of the door opener and the light is adjustable. For up to 65 consumer units. Rated voltage: 230 V~, +10 % / -10 % Output voltage: 28 V Rated frequency: 50 Hz/60 Hz Rated power: 42 W Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 216 mm x 65 mm Module width: 12 MW | | |
| | 83300-500 | 8300-0-0125 | 1 22 |


1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|--|--|-------------|------|
|  | Auxiliary power supply, MDRC ¹⁾ Additional supply device of the ABB-Welcome system to increase the number of connectable indoor stations. For up to 45 consumer units. Rated voltage: 230 V~, +10 % / -10 % Output voltage: 28 V Rated frequency: 50 Hz/60 Hz Rated power: 28 W Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 144 mm x 65 mm Module width: 8 MW | | |
| | 83310-500 | 8300-0-0126 | 1 22 |


1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|---|---|-------------|---------|
|  | Switch actuator, door/light, MDRC ¹⁾ To control an additional electrical door opener or additional hall light directly or via potential-free output 230V, 3A. Assignment to an outdoor station is adjustable. Switching time adjustable: for door opener 1 sec to 10 sec; for light outputs 1 sec to 5 min. Consumer units: 2 Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 72 mm x 65 mm Module width: 4 MW | | |
| | 83330-500 | 8300-0-0123 | 1/10 22 |


1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|---|--|-------------|------|
|  | Bell transformer, 12 V AC 1.3 A, MDRC ¹⁾ Power supply for an electric door opener. 4 V~, 1.3 A, 8 VA 8 V~, 1.3 A, 12 VA 12 V~, 1.3 A, 16 VA Rated voltage: 230 V~ Rated frequency: 50 Hz Protection class (Device): IP 20 Dimensions: (L x W x D): 90 mm x 36 mm x 65 mm Module width: 2 MW | | |
| | 83315-500 | 8300-0-0124 | 1 22 |


1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| Product | Article-No. | Order-No. | Pack/Qty | Product | Article-No. | Order-No. | Pack/Qty |
|---|--|-----------|----------|-------------|-------------|-----------|----------|
|  | IP gateway ¹⁾ Allows the integration of tablet or smartphone with installed Welcome app as mobile indoor load for audio and video communication. Makes possible the use of the Busch-ComfortTouch® as indoor door communication. Ethernet connection (RJ 45). Consumer units: 11 Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 180 mm x 65 mm Module width: 10 MW | | | | | | |
| 83341-500 | | | | 8300-0-0336 | 1 | 23 | |
| 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | | | | |
|  | Video indoor distributor, MDRC ¹⁾ For the distribution of the video signal with line junctions (e.g. in a riser mains). Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 36 mm x 65 mm Module width: 2 MW | | | | | | |
| 83320/2-500 | | | | 8300-0-0120 | 1/18 | 23 | |
| 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | | | | |
|  | Video indoor distributor, flush-mounted ¹⁾ For mounting in flush-mounted wall box. For the distribution of the video signal with line junctions (e.g. in a riser mains). Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 45 mm x 53 mm x 20 mm | | | | | | |
| 83320/2 U-500 | | | | 8300-0-0121 | 1/18 | 23 | |
| 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | | | | |
|  | Video outdoor distributor, MDRC ¹⁾ For connecting several video outdoor stations to the system controller. Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 36 mm x 65 mm Module width: 2 MW | | | | | | |
| 83325/2-500 | | | | 8300-0-0122 | 1/18 | 23 | |
| 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | | | | |
|  | Switch actuator, flush-mounted ¹⁾ For mounting in flush-mounted wall box. Switch actuator for connection to the door communication bus. Activates connected loads during an incoming door call (e.g. an external gong). Floating output: 230 V, 3 AX. Consumer units: 1 Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 51 mm x 51 mm x 28 mm | | | | | | |
| 83335 U-500 | | | | 8300-0-0335 | 1 | 22 | |
| 1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue. | | | | | | | |


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|--|--|--|--|-------------|---|----|--|--|--|
| | | | | | | | | | |
| Telephone gateway For connecting an ABB-Welcome system with the analog inputs of a private branch exchange (PBX). Enables the usage of telephones (e.g. DECT, ISDN or mobile phones) as indoor station. Taking door calls, opening the door and switching the light via the telephone keypad (DTMF). Switching between the freely-programmable target numbers via the telephone keypad (DTMF). PIN protection for all configuration settings. For ABB-Welcome systems with up to 99 appartments. Programming via the telephone keypad (DTMF) or via web browser (requires IP gateway 83342-5..). 2 screw-type terminals for the analog a'/b' connection towards the private branch exchange (PBX). Consumer units: 1 Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 72 mm x 65 mm Module width: 4 MW | | | | | | | | | |
| 83350-500 | | | | 8300-0-0388 | 1 | 99 | | | |

| Product | Article-No. | Order-No. | Pack/Qty |
|---|--|-------------|----------|
|  | Flush-mounted installation box, size 1/2 ¹⁾ For flush-mounted installation of ABB-Welcome outdoor station. Installation dimensions (H x W x D): 188 mm x 108 mm x 40 mm Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 203 mm x 133 mm x 46 mm | | |
| | | | |
| 681 anthracite | 83401 U-681-500 | 8300-0-0248 | 1 22 |
| 689 light grey | 83401 U-689-500 | 8300-0-0244 | 1 22 |


1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|---|--|-------------|------|
|  | Flush-mounted installation box, size 1/3 ¹⁾ For flush-mounted installation of ABB-Welcome outdoor station. Installation dimensions (H x W x D): 260 mm x 108 mm x 40 mm Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 275 mm x 133 mm x 46 mm | | |
| | | | |
| 681 anthracite | 83402 U-681-500 | 8300-0-0249 | 1 22 |
| 689 light grey | 83402 U-689-500 | 8300-0-0245 | 1 22 |


1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|--|--|-------------|------|
|  | Flush-mounted installation box, size 1/4 ¹⁾ For flush-mounted installation of ABB-Welcome outdoor station. Installation dimensions (H x W x D): 332 mm x 108 mm x 40 mm Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 347 mm x 133 mm x 46 mm | | |
| | | | |
| 681 anthracite | 83403 U-681-500 | 8300-0-0250 | 1 22 |
| 689 light grey | 83403 U-689-500 | 8300-0-0246 | 1 22 |


1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|---|--|-------------|------|
|  | Flush-mounted installation box, size 2/3 ¹⁾ For flush-mounted installation of ABB-Welcome outdoor station. Installation dimensions (H x W x D): 260 mm x 208 mm x 40 mm Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 275 mm x 233 mm x 46 mm | | |
| | | | |
| 681 anthracite | 83404 U-681-500 | 8300-0-0251 | 1 22 |
| 689 light grey | 83404 U-689-500 | 8300-0-0247 | 1 22 |


1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|---|--|-------------|------|
|  | Flush-mounting box, size 1/2 ¹⁾ For mounting in plastered facades. The flush-mounted box is installed prior to plastering. Offers mounting points for the flush-mounted installation box. Dimensions: (L x W x D): 200 mm x 128 mm x 77 mm | | |
| | | | |
| | 83551-500 | 8300-0-0349 | 1 22 |


1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| Product | Article-No. | Order-No. | Pack/Qty |
|---|--|-------------|----------|
|  | Flush-mounting box, size 1/3 ¹⁾ For mounting in plastered facades. The flush-mounted box is installed prior to plastering. Offers mounting points for the flush-mounted installation box. Dimensions: (L x W x D): 271 mm x 128 mm x 77 mm | | |
| | | | |
| | 83552-500 | 8300-0-0350 | 1 22 |


1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|---|--|-------------|------|
|  | Flush-mounting box, size 1/4 ¹⁾ For mounting in plastered facades. The flush-mounted box is installed prior to plastering. Offers mounting points for the flush-mounted installation box. Dimensions: (L x W x D): 343 mm x 128 mm x 77 mm | | |
| | | | |
| | 83553-500 | 8300-0-0351 | 1 22 |


1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|--|--|-------------|------|
|  | Flush-mounting box, size 2/3 ¹⁾ For mounting in plastered facades. The flush-mounted box is installed prior to plastering. Offers mounting points for the flush-mounted installation box. Dimensions: (L x W x D): 271 mm x 227 mm x 77 mm | | |
| | | | |
| | 83554-500 | 8300-0-0352 | 1 22 |


1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|---|---|-------------|---------|
|  | Cavity wall set ¹⁾ For cavity wall mounting of the flush-mounted wall boxes. | | |
| | | | |
| | 83511-500 | 8300-0-0309 | 1/18 22 |

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|---|--|-------------|------|
|  | Surface-mounted installation box, size 1/2 ¹⁾ For surface-mounted installation of ABB-Welcome outdoor station. Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 203 mm x 133 mm x 31 mm | | |
| | | | |
| 681 anthracite | 83401 AP-681-500 | 8300-0-0116 | 1 22 |
| 689 light grey | 83401 AP-689-500 | 8300-0-0112 | 1 22 |

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|---|--|-------------|------|
|  | Surface-mounted installation box, size 1/3 ¹⁾ For surface-mounted installation of ABB-Welcome outdoor station. Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 275 mm x 133 mm x 31 mm | | |
| | | | |
| 681 anthracite matt | 83402 AP-681-500 | 8300-0-0117 | 1 22 |
| 689 light grey | 83402 AP-689-500 | 8300-0-0113 | 1 22 |

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| Product | Article-No. | Order-No. | Pack/Qty |
|----------------|---|-------------|----------|
| | Surface-mounted installation box, size 1/4 1) For surface-mounted installation of ABB-Welcome outdoor station. Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 347 mm x 133 mm x 31 mm | | |
| | | | |
| 681 anthracite | 83403 AP-681-500 | 8300-0-0118 | 1 22 |
| 689 light grey | 83403 AP-689-500 | 8300-0-0114 | 1 22 |

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|----------------|---|-------------|------|
| | Surface-mounted installation box, size 2/3 1) For surface-mounted installation of ABB-Welcome outdoor station. Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 275 mm x 233 mm x 31 mm | | |
| | | | |
| 681 anthracite | 83404 AP-681-500 | 8300-0-0119 | 1 22 |
| 689 light grey | 83404 AP-689-500 | 8300-0-0115 | 1 22 |

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

| | | | |
|-------------|--------------------------------|-------------|------|
| | DIN A 4 labelling sheet | | |
| | | | |
| transparent | 1799/03 | 1799-0-0960 | 1 01 |

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|---|-------------|----------|
| | Base call button module, 1gang Spare part Spare part for the outdoor station. Stamped labelling foil is enclosed. Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C | | |
| | | | |
| | 83140/1-500 | 8300-0-0106 | 1 22 |

| | | | |
|--|---|-------------|------|
| | Base call button module, 2gang Spare part Spare part for the outdoor station. Stamped labelling foil is enclosed. Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C | | |
| | | | |
| | 83140/2-500 | 8300-0-0107 | 1 22 |

| | | | |
|--|---|-------------|------|
| | Base call button module, 3gang Spare part Spare part for the outdoor station. Stamped labelling foil is enclosed. Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C | | |
| | | | |
| | 83140/3-500 | 8300-0-0108 | 1 22 |


| | | | |
|--|--|-------------|------|
| | Auxiliary call button module, 1gang Spare part Spare part for the outdoor station. Stamped labelling foil is enclosed. Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C | | |
| | | | |
| | 83141/1-500 | 8300-0-0109 | 1 22 |


| | | | |
|--|--|-------------|------|
| | Auxiliary call button module, 2gang Spare part Spare part for the outdoor station. Stamped labelling foil is enclosed. Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C | | |
| | | | |
| | 83141/2-500 | 8300-0-0110 | 1 22 |


| | | | |
|--|--|-------------|------|
| | Auxiliary call button module, 3gang Spare part Spare part for the outdoor station. Stamped labelling foil is enclosed. Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C | | |
| | | | |
| | 83141/3-500 | 8300-0-0111 | 1 22 |


| | | | |
|--|---|-------------|------|
| | Audio module Spare part Spare part for the outdoor station or as supplement for the the audio module assembly. Temperature range (Device): -25 °C to 55 °C | | |
| | | | |
| | 83500-500 | 8300-0-0232 | 1 22 |


| Product | Article-No. | Order-No. | Pack/Qty |
|--|--|-------------|----------|
|  | Camera module | | |
| | Allows the integration of the ABB-Welcome installation in letter boxes and bell systems of different manufacturers, such as in the products of Erwin Renz Metallwarenfabrik GmbH & Co KG, Boschstr. 3, 71737 Kirchberg/Murr. The cutout for the camera must be created by the manufacturer. Extended audio module assembly with video function. Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Installed heating to keep the lens free of condensation. Vertical/horizontal detection angle: 86°/67° Setting angle horizontal/vertical: +/-15°, mechanically adjustable Consumer units: 4 Temperature range (Device): -25 °C to 55 °C | | |
| | 83501-101-500 | 8300-0-0331 | 1 23 |


| | | | |
|--|--|-------------|--------|
|  | Handset | | |
| | Spare part for indoor audio station with handset. Temperature range (Device): -5 °C to 45 °C | | |
| 624 studio white matt | 83505-624-500 | 8300-0-0135 | 1/9 22 |
| 681 anthracite matt | 83505-681-500 | 8300-0-0136 | 1/9 22 |
| 683 aluminium silver | 83505-683-500 | 8300-0-0137 | 1/9 22 |


| | | | |
|--|--|-------------|------|
|  | End strip, size 1/x | | |
| | Spare part for the outdoor station. For outdoor stations 135 mm wide. Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 19 mm x 135 mm x 15 mm | | |
| 660 stainless steel | 83531-660-500 | 8300-0-0130 | 1 23 |
| 664 studio white matt | 83531-664-500 | 8300-0-0131 | 1 22 |

| | | | |
|--|--|-------------|---------|
|  | End strip, size 2/x | | |
| | Spare part for the outdoor station. For outdoor stations 235 mm wide. Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 19 mm x 235 mm x 15 mm | | |
| 660 stainless steel | 83532-660-500 | 8300-0-0132 | 1/20 23 |
| 664 studio white matt | 83532-664-500 | 8300-0-0133 | 1/20 22 |

| | | | |
|--|---|-------------|---------|
|  | Label holder | | |
| | Spare part for the outdoor station. Temperature range (Device): -25 °C to 55 °C | | |
| | 83161-500 | 8300-0-0211 | 1/18 22 |

| | | | |
|--|---|-------------|--------|
|  | Sealing strip | | |
| | Spare part for the outdoor station. Temperature range (Device): -25 °C to 55 °C | | |
| | 83530-500 | 8300-0-0134 | 1/9 22 |

| | | | |
|--|-------------------------------------|-------------|---------|
|  | Mounting tool | | |
| | Spare part for the outdoor station. | | |
| | 83510-500 | 8300-0-0129 | 1/90 22 |

| Product | Article-No. | Order-No. | Pack/Qty |
|---|---|-------------|----------|
|  | Audio compact set for One-family house ¹⁾ | | |
| | Indoor station to match the future® linear switch range in studio white, outdoor station: stainless steel Consisting of outdoor audio station, 1gang 83101/1-660-500. Consisting of outdoor surface-mounted installation box 83401 AP-681-500. Consisting of indoor audio station with display 83200 U-500. Consisting of cover plate 83260-84-500. Consisting of system controller 83300-500. Consisting of 2gang frame 1722-184K. | | |
| | 83004/1-500 | 8300-0-0142 | 1 23 |

1) Technical data: see individual devices.

| | | | |
|---|--|-------------|------|
|  | Audio compact set for Two-family house ¹⁾ | | |
| | Indoor station to match the future® linear switch range in studio white, outdoor station: stainless steel Consisting of outdoor audio station, 2gang 83101/2-660-500. Consisting of outdoor surface-mounted installation box 83401 AP-681-500. Consisting of 2 x indoor audio station with display 83200 U-500. Consisting of 2 x cover plates 83260-84-500. Consisting of system controller 83300-500. Consisting of 2 x 2gang frame 1722-184K. | | |
| | 83004/2-500 | 8300-0-0143 | 1 23 |

1) Technical data: see individual devices.

| | | | |
|---|--|-------------|------|
|  | Video compact set for One-family house ¹⁾ | | |
| | ABB-WelcomeTouch in studio white matt, outdoor station: stainless steel Consisting of outdoor video station, 1gang 83121/1-660-500. Consisting of outdoor surface-mounted installation box 83402 AP-681-500. Consisting of ABB-WelcomeTouch 83220 AP-624-500. Consisting of system controller 83300-500. | | |
| | 83022/1-500 | 8300-0-0150 | 1 23 |

1) Technical data: see individual devices.

| | | | |
|---|--|-------------|------|
|  | Video compact set for Two-family house ¹⁾ | | |
| | ABB-WelcomeTouch in studio white matt, outdoor station: stainless steel Consisting of outdoor video station, 2gang 83121/2-660-500. Consisting of outdoor surface-mounted installation box 83402 AP-681-500. Consisting of 2 x ABB-WelcomeTouch 83220 AP-624-500. Consisting of system controller 83300-500. | | |
| | 83022/2-500 | 8300-0-0151 | 1 23 |

1) Technical data: see individual devices.

